

3rd Gen Rear Instruction Sheet

03-08 DODGE 2500-3500 4X4 SUSPENSION SYSTEM

Note: Prior to installation, carefully inspect the vehicle's steering and drive train components. Be sure to check ball joints, tie rod ends, pan-rod bar, and control arm bushings. Everything must be tight and in good working condition.

- We recommend installation be done by a trained professional.
- Read instructions carefully before attempting installation.
- Secure and properly block vehicle prior to installation.
- Front end alignment is necessary upon completion of install.

REAR INSTALLATION

1. Raise the truck. If working without a shop hoist, support truck with suitable safety stands. To do this put the truck in park, block front wheels, both in front and behind tires, then disengage emergency brake. Place floor jack underneath rear axle and raise truck. Place safety jack stands under the frame to support the truck and lower the truck onto jack stands. Remove rear wheels.
2. Use a floor jack to raise the rear axle just enough to take tension from the shocks and remove them.
3. Remove rear U-bolts attaching rear axle to driver side leaf spring. Carefully lower rear axle. DO NOT ALLOW AXLE TO HANG FROM ANY HOSES OR CABLES
4. Secure spring assembly together with 2 C-clamps on outer edges of lower leaf. Do not include the thick leaf on the very bottom.
5. Remove the leaf spring center pin(s) and lower main leaf.
6. System Variants:
 - a. (STARTER SYSTEM ONLY) Install Carli Suspension 5 leaf Add-A-Pack using only 1 factory spacer block on the very bottom with index button. (Order of assembly = New center pins- 1 factory spacer block with index button- 5 leaf add-a-pack- remaining 4 leafs on the truck.)

- b. (PERFORMANCE SYSTEM) Install Carli Suspension 5 leaf Add-A-Pack using all factory spacer blocks with index button on the bottom.
7. Note: You may have to slightly loosen U-bolts on opposite side of the truck to droop axle enough for install of Add-A-Pack.
8. Tighten center pin(s) and spring clips.
9. Carefully raise axle until spring meets the axle perch. Make sure center pin(s) are aligned in axle perch correctly.
10. Re-mount axle to spring using supplied U-bolts, washers and nuts. Torque U-bolt nuts to 100 ft.-lbs.
11. Repeat steps 3 through 9 on passenger side.
12. Install rear wheels, torque to OEM specs and lower the truck to the ground.